

WHAT IS CLAIMED IS:

1. A pneumatic control system comprising:  
a pump;  
at least one inflatable/deflatable article;  
control means for operation of the pump;  
connection means for connecting the article and pump for fluid flow therethrough;  
communication means provided on each of the pump and article wherein at least one of the communication means has the ability, upon connection between the pump and article, to identify the article and to instruct the control means to activate the pump accordingly; and  
wherein the communications means of the pump is remotely located from the pump.
2. The pneumatic control system as claimed in claim 1, wherein the communication means are capable of exchanging information or energy so as to identify the article as that compatible to the pump and to instruct the pump control means to operate a predetermined inflation and/or deflation of the article by the pump accordingly.
3. The pneumatic control system as claimed in claim 1, wherein the communication means on the article is located within the connection means.
4. The pneumatic control system as claimed in claim 1, wherein during use the respective communication means do not contact each other.
5. The pneumatic control system of claim 1, wherein the communications means of the pump is located within the connection means.
6. The pneumatic control system of claim 1, wherein the connection means is integrally coupled to the pump; and  
wherein the communications means of the pump is located within the connection means in a position distal from the pump.

7. The pneumatic control system of claim 1, wherein the communication means of the article includes a radio frequency identification device.

8. The pneumatic control system of claim 7, wherein the radio frequency identification device includes a read only memory.

9. The pneumatic control system of claim 7, wherein the radio frequency identification device includes a read/write memory.

10. The pneumatic control system of claim 1, wherein the communication means of the pump includes a radio circuit.

11. The pneumatic control system of claim 10, wherein the radio circuit generates a radio field and is capable of measuring phase changes in the radio field.

12. The pneumatic control system of claim 11, wherein the communication means of the article includes material that causes a phase change in the radio field.

13. The pneumatic control system of claim 12, wherein the phase change caused by the material is related to the type of material.

14. The pneumatic control system of claim 12, wherein the phase change caused by the material is related to the size of the material.

15. The pneumatic control system of claim 12, wherein the material includes magnetically loaded plastic.

16. The pneumatic control system of claim 12, wherein the material includes a torrid core.

17. The pneumatic control system of claim 12, wherein the material includes an amorphous metal strip.
18. The pneumatic control system of claim 12, wherein the material includes a steel core.
19. The pneumatic control system of claim 12, wherein the material includes cable screen ferrite.
20. The pneumatic control system of claim 12, wherein the material includes a brass core.
21. The pneumatic control system of claim 12, wherein the material is selected from the group consisting of cable screen ferrite of a first size, cable screen ferrite of a second size, and brass.
22. The pneumatic control system of claim 1, wherein the article includes a seat pad.
23. The pneumatic control system of claim 1, further comprising a support mechanism capable of functioning as a handle and a hook.